

We claim:

1. A method of making categorization information about a site on a computer network available to other computer systems on the network, comprising:
 - a) creating a site on a computer network comprising a plurality of objects which are available for access by other computer systems on the network;
 - b) creating a data file associated with said site containing human provided categorization information about said site; and
 - c) making the contents of said data file available to other computer systems on the network.
- 10 2. A computer data set containing a computer program which, when run on one or more computer systems, causes the systems to perform the method of claim 1.
- 15 3. The method of claim 1 further comprising assembling contents from said data file and a plurality of similar data files for other sites and performing searches of said assembled contents to find desired sites.
- 15 4. The computer data set of claim 2 further comprising the limitations of claim 3.
- 15 5. The method of claim 3 further comprising structuring categories for said categorization information in a hierarchical fashion with subcategories, where selection of a category for a search causes results of said search to include sites associated with subcategories of said category.
- 20 6. The computer data set of claim 2 further comprising the limitations of claim 5.
- 20 7. The method of claim 1 where said categorization information comprises a human language in which objects of the site are presented when accessed by other computer systems on the network.
- 20 8. The computer data set of claim 2 further comprising the limitations of claim 7.

9. The method of claim 1 where said categorization information comprises a subject matter to which objects of the site relate as perceived by humans when accessed by other computer systems on the network.

10. The computer data set of claim 2 further comprising the limitations of claim 9.

5 11. The method of claim 1 where said categorization information comprises a geographic location to which objects of the site relate as perceived by humans when accessed by other computer systems on the network.

12. The computer data set of claim 2 further comprising the limitations of claim 11.

13. The method of claim 1 where said categorization information comprises a general 10 description of a target audience by whom an owner of the site wishes the site to be accessed.

14. The computer data set of claim 2 further comprising the limitations of claim 13.

15. A method of constructing a catalog of rankings from objects stored within a network, the network including a plurality of interconnected computers with one computer storing the catalog and being designated a cataloging site and each of the other computers storing a plurality 15 of objects and being designated a source site, the method comprising:

a) running on the cataloging site a program which assembles data relating to objects stored on the two or more source sites where, for each of the two source sites, such data is gathered from a file that is not a part of any of said objects and said file contains data entered by a human about at least one of said objects; and

20 b) ranking at least some of the assembled data as a function of a set of ranking rules, thereby assigning rankings to the assembled data to generate the catalog of rankings where at least one of the rankings has a value that is function of said human input data about one or more objects with which the ranking is associated.

16. A computer data set containing a computer program which, when run on one or more 25 computer systems, causes the systems to perform the method of claim 15.

17. The method of claim 15 wherein the data assembled at the two or more source sites is assembled by an agent program running on the source site.

18. The computer data set of claim 16 further comprising the limitations of claim 17.

19. The method of claim 15 wherein at least one of the rankings has a value that is

5 function of human usage of the object references.

20. The computer data set of claim 16 further comprising the limitations of claim 19.

21. The method of claim 15 wherein some of the assembled data comprises data from the contents of objects on at least one of the source sites.

22. The computer data set of claim 16 further comprising the limitations of claim 21.

10 23. The method of claim 15 wherein some of the assembled data comprises meta data relating to objects on at least one of the source sites.

24. The computer data set of claim 16 further comprising the limitations of claim 23.

25. The method of claim 15 wherein some of the assembled data comprises ratings of objects on the source site.

15 26. The computer data set of claim 16 further comprising the limitations of claim 25.

27. A method of constructing a catalog of rankings from objects stored within a network, the network including a plurality of interconnected computers with one computer storing the catalog and being designated a cataloging site and at least two other computers storing a plurality of objects and being designated source sites, the method comprising:

20 a) running on each source site a program which assembles data relating to objects stored on the source site;

b) ranking at least some of the assembled data as a function of a set of ranking rules, thereby assigning rankings to the assembled data;

c) transmitting the rankings from each source site to the cataloging site; and

d) aggregating the rankings at the cataloging site to generate a catalog of rankings.

28. A computer data set containing a computer program which, when run on one or more computer systems, causes the systems to perform the method of claim 27.

5 29. The method of claim 27 wherein at least one of the rankings has a value that is function of human input data about one or more objects with which the ranking is associated where the human input data is stored in a file on the source site which file is not a part of said one or more objects and assembled by said program.

30. The computer data set of claim 28 further comprising the limitations of claim 29.

10 31. The method of claim 27 wherein some of the assembled data comprises data from the content of objects on the source site.

32. The computer data set of claim 28 further comprising the limitations of claim 31.

33. The method of claim 27 wherein some of the assembled data comprises meta data relating to objects on the source site.

15 34. The computer data set of claim 28 further comprising the limitations of claim 33.

35. The method of claim 27 wherein each transmitted ranking is accompanied by a command to the cataloging site instructing the cataloging site what to do with the ranking.

36. The computer data set of claim 28 further comprising the limitations of claim 35.

37. The method of claim 27 wherein the program further assembles object references for 20 objects on the source site, and these object references are transmitted to the cataloging site and aggregated into the catalog on the cataloging site.

38. The computer data set of claim 28 further comprising the limitations of claim 37.

39. The method of claim 27 wherein the program further transmits to the cataloging site some of the assembled data which is aggregated into the catalog on the cataloging site.

25 40. The computer data set of claim 28 further comprising the limitations of claim 39.

41. The method of claim 27 wherein at least one of the rankings relates to a set of objects on the source site.

42. The computer data set of claim 28 further comprising the limitations of claim 41.

43. The method of claim 41 wherein the agent calculates a relationship value representing 5 a distance in text between objects and, at the cataloging site, these relationship values are combined with relationship values from other sites to create a relationship value table representing the likelihood of an object being similar to another object.

44. The computer data set of claim 42 further comprising the limitations of claim 43.

45. A method of rating objects stored at a site on a network and constructing a catalog of 10 ratings, the network including a plurality of interconnected source computers and a central computer with access to the objects, the method comprising:

a) running on a central computer a program which processes objects stored on the source computers, thereby assembling values found in at least one of the objects for comparison to a list of rating values;

15 b) generating a rating for each object by relating the values found in the object to a list of human input rating values supplied by an owner of the site and stored in a file associated with the site which file is read by said program; and

c) aggregating the ratings to generate the catalog of ratings.

46. A computer data set containing a computer program which, when run on one or more 20 computer systems, causes the systems to perform the method of claim 45.

47. The method of claim 45 wherein each of the rating values comprises a word.

48. The computer data set of claim 46 further comprising the limitations of claim 47.

49. The method of claim 45 wherein additional human input rating values are supplied by a host of the site and stored in said file.

25 50. The computer data set of claim 46 further comprising the limitations of claim 49.

51. A method of rating objects stored at a site on a network and constructing a catalog of ratings, the network including a plurality of interconnected computers with access to the objects, the method comprising:

- a) running on the site a program which processes objects stored on the site,
 - 5 thereby assembling values found in at least one of the objects for comparison to a list of rating values;
 - b) generating a rating for each object by relating the values found in the object to the list of rating values; and
- aggregating the ratings to generate the catalog of ratings.

10 52. A computer data set containing a computer program which, when run on one or more computer systems, causes the systems to perform the method of claim 51.

53. The method of claim 51 wherein each of the rating values comprises a word.

54. The computer data set of claim 52 further comprising the limitations of claim 53.

55. The method of claim 51 wherein the rating values are supplied by a human.

15 56. The computer data set of claim 52 further comprising the limitations of claim 55.

57. The method of claim 51 wherein the rating values are supplied by a computer.

58. The computer data set of claim 52 further comprising the limitations of claim 57.

59. The method of claim 51 wherein generating ratings of the objects comprises comparing the values found in the object to a list of human input rating values supplied by an 20 owner of the site and stored in a file associated with the site which file is read by said program.

60. The computer data set of claim 52 further comprising the limitations of claim 59.

61. The method of claim 59 wherein additional human input rating values are supplied by a host of the site and stored in said file.

62. The computer data set of claim 60 further comprising the limitations of claim 61.

63. The method of claim 51 wherein generating a rating comprises generating a ratings flag when the values found in the object indicate a first rating for the object and at least one of the values from an owner of the site or a host of the site indicates a second rating for the object different than the first rating.

5 64. The computer data set of claim 52 further comprising the limitations of claim 63.

65. The method of claim 51 wherein aggregating ratings includes triggering a human review indicator for review by a human of objects having rating flags to determine the correct ratings for the objects.

66. The computer data set of claim 52 further comprising the limitations of claim 65.

10 67. The method of claim 51 wherein aggregating ratings includes triggering a computer review of objects having rating flags to determine the correct ratings for the objects.

68. The computer data set of claim 52 further comprising the limitations of claim 67.

69. The method of claim 51 wherein the step of processing objects comprises processing meta data for the objects.

15 70. The computer data set of claim 52 further comprising the limitations of claim 69.

71. The method of claim 51 wherein the list of ratings values is stored on the site.

72. The computer data set of claim 52 further comprising the limitations of claim 71.

73. The method of claim 51 wherein the list of ratings values is stored on a second site.

74. The computer data set of claim 52 further comprising the limitations of claim 73.

20 75. A method in a network of computer systems to limit exposure of objects on a computer system to other computer systems on the network, comprising:

- a) assembling a plurality of objects on a computer system connected to a network;
- b) placing on said computer system an index card file which is not a part of any of said objects and which designates a subset of said objects as accessible to other computer systems; and

c) providing to other computer systems information for accessing said objects designated as accessible while retaining as confidential necessary information for accessing other objects on said computer system.

76. A computer data set containing a computer program which, when run on one or more
5 computer systems, causes the systems to perform the method of claim 75.